

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)
Yoshiaki NOZAWA	) Group Art Unit: 2665
Application No.: 09/522,608	) Examiner: S. Nguyen
Filed: March 10, 2000	)
For: STATISTIC MULTIPLEX	) )
TRANSMISSION SYSTEM	)

# LETTER RE POWER OF ATTORNEY AND STATEMENT UNDER 37 C.F.R. 3.73(b)

U.S. Patent and Trademark Office Customer Service Window, Mail Stop Randolph Building 401 Dulany Street Alexandria, VA 22314

Sir:

Submitted herewith is a Power of Attorney, Exhibit A & B to Power of Attorney,

Statement under 37 C.F.R. 3.73(b) and copies of documents establishing chain of title as filed in
the U.S. Patent and Trademark Office for the above-identified patent application.

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By

Paul A. Harrity Reg. No. 39,574

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Customer Number: 44987

Date: March 28, 2005

PTO/SB/81 (11-04)

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#### **POWER OF ATTORNEY** and **CORRESPONDENCE ADDRESS** INDICATION FORM

Application Number	Attachment: Exhibit A & Exhibit B
Filing Date	
First Named Inventor	
Title	
Art Unit	
Examiner Name	
Attorney Docket Number	

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I hereby revoke at	ii previo	ous powers of attorney gi	ven in the al	ove-id	entified appli	cation.			
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Applicant/Inventor.									
Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)									
SIGNATURE of Applicant or Assignee of Record									
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Name	Mitchell (	Gaynor				Telephone	Rbns	2 16, Z	യ
Title and Company	Vice Pre	sident, Juniper Networks, Inc.				· Siepriorie	<u> </u>		
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.				ne l					
*Total of 1	f	orms are submitted.		-					

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



### U.S. PATENT APPLICATIONS

U.S. SERIAL NO.	FILING DATE
09/522,608	3/10/2000
09/977,227	10/16/2001
09/727,046	11/30/2000
09/743,594	1/11/2001
09/567,442	7/8/2002
09/733,940	12/12/2000
09/332,996	6/15/1999
09/324,655	6/3/1999
09/473,022	12/28/1999
09/506,366	2/18/2000
09/598,215	6/21/2000
09/939,706	8/28/2001
09/404,313	9/24/1999
09/406,803	9/28/1999
09/558,598	4/26/2000
09/676,559	10/2/2000
09/752,461	1/3/2001
09/825,941	4/5/2001
09/924,054	8/8/2001
09/966,099	10/1/2001
09/974,793	10/12/2001
09/899,074	7/6/2001
10/153,819	5/24/2002
10/160,028	6/4/2002
10/795,299	3/9/2004
10/795,536	3/9/2004
09/816,705	3/23/2001
09/797,590	3/5/2001
09/729,577	12/4/2000
09/820,351	3/29/2001
09/829,972	4/11/2001
09/858,637	5/17/2001

## U.S. PATENT APPLICATIONS

U.S. SERIAL NO.	FILING DATE
09/929,367	8/15/2001
09/866,616	5/30/2001
10/066,666	2/6/2002
10/173,813	6/19/2002
10/227,808	8/27/2002
09/718,378	11/24/2000
09/615,719	7/13/2000
09/784,140	2/16/2001
09/760,781	1/17/2001
09/946,472	9/6/2001
10/266,636	10/9/2002
09/545,888	4/7/2000
09/945,758	9/5/2001
10/038,655	1/8/2002
10/188,060	7/3/2002
10/755,499	1/12/2004
09/576,324	5/22/2000
09/512,088	2/24/2000
09/931,922	8/20/2001
09/901,663	7/11/2001
09/589,511	6/8/2000
09/861,890	5/22/2001
09/955,955	9/20/2001
10/098,124	3/15/2002



U.S. PATENT NO.	ISSUE DATE
5,132,966	7/21/1992
5,355,372	10/11/1994
5,412,648	5/2/1995
5,425,026	6/13/1995
5,440,551	8/8/1995
5,448,567	9/5/1995
5,521,917	5/28/1996
5,563,887	10/8/1996
5,581,689	12/3/1996
5,608,738	3/4/1997
5,636,212	6/3/1997
5,671,213	9/23/1997
5,675,384	10/7/1997
5,719,853	2/17/1998
5,724,353	3/3/1998
5,737,313	4/7/1998
5,742,600	4/21/1998
5,745,694	4/28/1998
5,748,632	5/5/1998
5,764,637	6/9/1998
5,787,073	7/28/1998
5,796,736	8/18/1998
5,822,320	10/13/1998
5,828,667	10/27/1998
5,831,981	11/3/1998
5,864,553	1/26/1999
5,886,981	3/23/1999
5,896,386	4/20/1999
5,903,559	5/11/1999
5,909,446	6/1/1999
5,913,074	6/15/1999

U.S. PATENT NO.	ISSUE DATE
5,920,620	7/6/1999
5,966,513	10/12/1999
5,974,036	10/26/1999
5,978,355	11/2/1999
6,011,797	1/4/2000
6,034,961	3/7/2000
6,041,037	3/21/2000
6,041,342	3/21/2000
6,046,981	4/4/2000
6,049,527	4/11/2000
6,061,355	5/9/2000
6,072,776	6/6/2000
6,108,708	8/22/2000
6,122,251	9/19/2000
6,134,249	10/17/2000
6,137,778	10/24/2000
6,160,822	12/12/2000
6,172,991	1/9/2001
6,549,518	4/15/2003
6,574,019	6/3/2003
6,625,123	9/23/2003
6,198,746 B1	3/6/2001
6,199,033 B1	3/6/2001
6,201,810 B1	3/13/2001
6,205,145 B1	3/20/2001
6,233,258 B1	5/15/2001
6,252,875 B1	6/26/2001
6,282,200 B1	8/28/2001
6,330,223 B1	12/11/2001
6,339,597 B1	1/15/2002
6,347,098 B1	2/12/2002
6,363,064 B1	3/26/2002

U.S. PATENT NO.	ISSUE DATE
6,404,738 B1	6/11/2002
6,404,744 B1	6/11/2002
6,408,005 B1	6/18/2002
6,418,144 B1	7/9/2002
6,418,145 B1	7/9/2002
6,421,316 B1	7/16/2002
6,424,622 B1	7/23/2002
6,438,138 B1	8/20/2002
6,452,908 B1	9/17/2002
6,459,699 B1	10/1/2002
6,470,004 B1	10/22/2002
6,490,282 B1	12/3/2002
6,493,356 B1	12/10/2002
6,509,985 B1	1/21/2003
6,532,234 B1	3/11/2003
6,542,467 B2	4/1/2003
6,560,232 B1	5/6/2003
6,574,191 B1	6/3/2003
6,580,714 B1	6/17/2003
6,594,267 B1	7/15/2003
6,597,657 B1	7/22/2003
6,621,788 B1	9/16/2003
6,628,924 B1	9/30/2003
6,657,958 B1	12/2/2003
6,665,263 B1	12/16/2003
6,671,276 B1	12/30/2003
6,700,873 B1	3/2/2004
6,704,321 B1	3/9/2004
6,707,823 B1	3/16/2004
6,711,133 B1	3/23/2004
6,714,547 B1	3/30/2004
6,721,324 B1	4/13/2004
6,721,413 B1	4/13/2004

U.S. PATENT NO.	ISSUE DATE
6,731,603 B1	5/4/2004
6,731,637 B2	5/4/2004
6,731,651 B1	5/4/2004
6,738,352 B1	5/18/2004
6,738,385 B1	5/18/2004
6,741,570 B1	5/25/2004
6,747,990 B1	6/8/2004
6,766,387 B2	7/20/2004
6,771,702 B1	8/3/2004
6,801,498 B1	10/5/2004
6,791,946 B1	9/14/2004
6,801,504 B1	10/5/2004
6,807,653 B2	10/19/2004
6,804,198 B1	10/12/2004
6,788,699 B1	9/7/2004

STATEMENT UNDER 37 CFR 3.73(b) nt/Patent Owner: Yoshiaki NOZAWA Filed/Issue Date: March 10, 2000 ation No./Patent No.: 09/522,608 CORACE Entitled: STATISTIC MULTIPLEX TRANSMISSION SYSTEM Juniper Networks, Inc., a corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, etc.) states that it is: 1. 🔯 the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is % in the patent application/patent identified above by virtue of either: An assignment from the inventor(s) of the patent application/patent identified above. The А. П assignment was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached. OR в. 🛛 A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: Yoshiaki NOZAWA To: NEC Corporation The document was recorded in the United States Patent and Trademark Office at Reel <u>010851</u>, Frame <u>0857</u>, or for which a copy thereof is attached. 2. From: NEC Corporation. To: Juniper Networks, Inc. The document was recorded in the United States Patent and Trademark Office at Reel \_, Frame \_\_\_\_\_, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 28, 2005 Date Paul A. Harrity

Typed or printed name:

Signature

Attorney for Assignee

Title

# Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, Juniper Networks, Inc., a U.S.A. corporation, having a place of business at 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206, U.S.A., hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A, including continuations, divisions and reissues thereof;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

Date: January 17, 2005

**NEC Corporation** 

Name: Sachio Matsubara

Title: Senior Manager,

Intellectual Asset Planning Division, Intellectual Asset Operations Unit

atsubura

Witness:

Date: January 17, 2005

Name:



# Schedule A

# **US Patent Applications**

	100
Serial No.	Filing Date (Y/M/D)
09/522608	2000/3/10
09/977227	2001/10/16
09/727046	2000/11/30
09/743594	2001/1/11
09/567442	2002/7/8
09/733940	2000/12/12
09/332996	1999/6/15
09/324655	1999/6/3
09/473022	1999/12/28
09/506366	2000/2/18
09/598215	2000/6/21
09/939706	2001/8/28
09/404313	1999/9/24
09/406803	1999/9/28
09/558598	2000/4/26
09/676559	2000/10/2
09/752461	2001/1/3
09/825941	2001/4/5
09/924054	2001/8/8
09/966099	2001/10/1
09/974793	2001/10/12
09/899074	2001/7/6
10/153819	2002/5/24
10/160028	2002/6/4
10/795299	2004/3/9
10/795536	2004/3/9
09/816705	2001/3/23
09/797590	2001/3/5
09/729577	2000/12/4
09/820351	2001/3/29
09/829972	2001/4/11

Serial No.         Filing Date (Y/M/D)           09/858637         2001/5/17           09/929367         2001/8/15           09/866616         2001/5/30           10/066666         2002/2/6           10/173813         2002/6/19           10/227808         2002/8/27           09/718378         2000/11/24           09/615719         2000/7/13           09/784140         2001/2/16           09/760781         2001/9/6           10/266636         2002/10/9           09/545888         2000/4/7           09/945758         2001/9/5           10/038655         2002/1/8           10/188060         2002/7/3           10/755499         2004/1/12           09/576324         2000/5/22           09/931922         2001/8/20           09/901663         2001/7/11           09/589511         2000/6/8           09/861890         2001/5/22           09/955955         2001/9/20           10/098124         2002/3/15		
09/858637       2001/5/17         09/929367       2001/8/15         09/866616       2001/5/30         10/066666       2002/2/6         10/173813       2002/6/19         10/227808       2002/8/27         09/718378       2000/11/24         09/615719       2000/7/13         09/784140       2001/2/16         09/760781       2001/9/6         10/266636       2002/10/9         09/545888       2000/4/7         09/945758       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/861890       2001/5/22         09/955955       2001/9/20		
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09/718378       2000/11/24         09/615719       2000/7/13         09/784140       2001/2/16         09/760781       2001/9/6         10/266636       2002/10/9         09/545888       2000/4/7         09/945758       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/861890       2001/5/22         09/955955       2001/9/20	10/173813	2002/6/19
09/615719       2000/7/13         09/784140       2001/2/16         09/760781       2001/1/17         09/946472       2001/9/6         10/266636       2002/10/9         09/545888       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/861890       2001/5/22         09/955955       2001/9/20	10/227808	2002/8/27
09/784140       2001/2/16         09/760781       2001/1/17         09/946472       2001/9/6         10/266636       2002/10/9         09/545888       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/955955       2001/9/20	09/718378	2000/11/24
09/760781       2001/1/17         09/946472       2001/9/6         10/266636       2002/10/9         09/545888       2000/4/7         09/945758       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/861890       2001/5/22         09/955955       2001/9/20	09/615719	2000/7/13
09/946472       2001/9/6         10/266636       2002/10/9         09/545888       2000/4/7         09/945758       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/512088       2000/2/24         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/861890       2001/5/22         09/955955       2001/9/20	09/784140	2001/2/16
10/266636       2002/10/9         09/545888       2000/4/7         09/945758       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/861890       2001/5/22         09/955955       2001/9/20	09/760781	2001/1/17
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09/945758       2001/9/5         10/038655       2002/1/8         10/188060       2002/7/3         10/755499       2004/1/12         09/576324       2000/5/22         09/512088       2000/2/24         09/931922       2001/8/20         09/901663       2001/7/11         09/589511       2000/6/8         09/861890       2001/5/22         09/955955       2001/9/20	10/266636	2002/10/9
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09/955955 2001/9/20	09/589511	2000/6/8
2001.7.20	09/861890	2001/5/22
10/098124 2002/3/15	09/955955	2001/9/20
	10/098124	2002/3/15